

**Proposals Submitted
March 2, 2009
Funded Projects**

Awardee	Project Title	Amount Funded
Zeb Barber Montana State University Bozeman	Absolute Calibration of a CW-FM LADAR Length Metrology System	\$ 138,000
Mark Young Montana State University Bozeman	Development of a Commercial Production System for Protein Cage Nanoparticles (PCNs) for Immunotherapeutic Applications	\$ 160,000
Mary Cloninger Montana State University Bozeman	Development of New Antibacterial Dendrimers	\$ 64,200
Richard J. Bridges University of Montana Missoula	Enhancement of Applied Research in Biomedicine	\$ 197,066
Donald Kiely Montana Renewables, Inc. Missoula	Novel Controlled Release Fertilizer Materials Derived from Renewable and Environmentally Degradable Polymers	\$ 150,125
Rand Swanson Resonon, Inc. Bozeman	Hyperspectral Sensor for Large-Area Monitoring of Carbon-Dioxide Reservoirs and Pipelines	\$ 149,985
Jeff Golini All American Pharmaceutical Inc. Billings	Clinical Trials of a Lypolytic Compound	\$ 10,000
Yuval Avniel EIP International Missoula	Structured Nanophase Catalysts	\$ 110,930

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Anne Marie Quinn Montana Molecular LLC Bozeman	Fluorescent Reporters for Cre Recombinase: New Tools for Manipulating Animal Genomes to Study the Genetic Factors of Disease	\$ 99,809
Lee Arbuckle Native Seedsters, Inc. Billings	Study of How Morphology and Physiology of Native Wildflower Seed Affects its Harvestability in Particular by the Arbuckle Native Seedster	\$ 87,722
Joseph Menicucci, Jr. CTW Energy Bozeman	Nutrient Management for the Optimization of Biofuels Production in a Proprietary CTW Energy Algal Photobioreactor	\$ 241,398
Leif Cox Montana Tech Butte	A New Cost-Effective, Non-Invasive, Geophysical Methodology for Exploration and Development of Geothermal Resources in Montana	\$ 93,130
Michael Utter Rural Community Innovations Bozeman	High Efficiency Hybrid Solar Power System--Producing Electricity and Hot Water Simultaneously	\$ 150,000
Kumar Ganesan Montana Tech Butte	Metallic Nano Particle Filter to Remove Mercury from Coal Fired Power Plant Flue Gas	\$ 90,499
Timothy Troutman Resodyn Corporation Butte	Development of a Field-Portable Biodetector	\$ 379,532
David Micheletti Montana Aerospace Development Butte	MADA SFRJ (Solid Fueled Ramjets) Technology Development and Testing	\$ 106,000

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Jessica Windy Boy Montana State University Northern Havre	Bio-Agtive™Emission Technology: Turning Fuels into Fertilizer	\$ 119,420
Gregory Gillispie Fluorescence Innovations, Inc. Bozeman	Continuation of Collaborative Research on Innovative Fluorescence Lifetime Spectrometers	\$ 200,000
Lawrence Johnson ILX Lightwave Bozeman	Measurement of Optical Output of High-Power Laser Diodes	\$ 107,885
Bob Kearns Montana Microbial Products Butte	Commercial Introduction of Barley Protein Concentrate in Aquaculture Markets	\$ 118,900